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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,523	07/09/2001	Jean-Philippe Champagne	CIS01-11(4197)	4906
7590	11/19/2004		EXAMINER	
David E. Huang, Esq. CHAPIN & HUANG, L.L.C. Westborough Office Park 1700 West Park Drive Westborough, MA 01581			NGUYEN, PHUOC H	
			ART UNIT	PAPER NUMBER
			2143	
			DATE MAILED: 11/19/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/901,523	CHAMPAGNE ET AL.
	Examiner	Art Unit
	Phuoc H. Nguyen	2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 09 July 2001.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-28 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) _____ is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) 1-28 are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. _____.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____

5) Notice of Informal Patent Application (PTO-152)
6) Other: _____

DETAILED ACTION***Election/Restrictions***

1. Applicant is advised that the response to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
2. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-6,9-13, and 25-28, drawn to synchronization message from the external transmission control protocol device, classified in class 709, subclass 248.
 - II. Claims 7-8, and 14-16, drawn to determine the acknowledgment message based on the timer and resend the acknowledgment message and the initial acknowledgment number if the content not receive, classified in class 709, subclass 234.
 - III. Claims 17-24, drawn to synchronization message from the external transmission control protocol device based on the timer of the acknowledgment message and resend the acknowledgment message if the content not receive, classified in class 709, subclass 248.

The inventions of Groups I,II, and III are distinct, each from the other because of the following reasons:

3. Inventions of Group III is related as combination and subcombinations of Group I-II. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombinations as

claimed for patentability, and (2) that the subcombinations has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination (Group III) as claimed does not require the particulars of the subcombinations (Group I-II) as claimed because to both subcombination and combination are presented and assumed to be patentable, the omission of specific details of the subcombinations as recited in claims 1-16, and 25-28, in the combination as recited in claims 17-24 is evidence that the patentability of the combination does not rely on the details of the specific subcombinations. The subcombinations of Group I-II has separate utility such as synchronization message from the external transmission control protocol device, and determine the acknowledgment message based on the timer and resend the acknowledgment message and the initial acknowledgment number if the content not receive.

4. Inventions of the Group III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention of Group I-II have separate utility such as synchronization message from the external transmission control protocol device, and determine the acknowledgment message based on the timer and resend the acknowledgment message and the initial acknowledgment number if the content not receive. See MPEP § 806.05(d).

5. Because these inventions are distinct for the reasons given above and the search required a separate status in the art as shown by their different classification, the search required for one Group is not required for other Groups, restriction for examination purposes as indicated is proper.

6. Applicant is advised that the reply to this requirement to be complete must include and election of the invention to be examined even through the requirement be traversed (37 CFR 1.143).

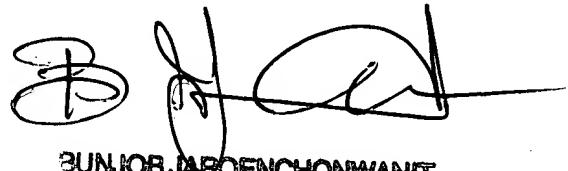
A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS ACTION IS SET TO EXPIRE THIRTY DAYS FROM THE MAILING DATE OF THIS COMMUNICATION. FAILURE TO RESPOND WITHIN THE PERIOD FRO RESPONSE WILL CAUSE THE APPLICATION TO BECOME ABANDONED (35 U.S.C. § 133). EXTENSIONS OF TIME MAY BE OBTAINED UNDER PROVISIONS OF 37 CRF 1.136 (A).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc H. Nguyen whose telephone number is 571-272-3919. The examiner can normally be reached on Mon -Thu (7AM-4: 30PM) and off every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



BUNJOB JAROENCHONWANIT
PRIMARY EXAMINER